

Appl. No. 09/731,481  
Response to August 25, 2004 Office action

**LISTING OF THE CLAIMS**

O.K. to enter. AB  
Claims 2, 4-11, 14-20, 22-24, 26-32, 36, and 39-40 are pending. No claims are canceled. No claims are added. Please amend claims 4, 11, and 28. The following listing of claims replaces all prior versions, and listings of claims in the application.

**Listing of Claims:**

1. (Canceled).
2. (Previously presented) A method as recited in claim 51, wherein the operation of estimating head motion further comprises:  
calculating an estimation objective function comprising a set of terms to estimate: (a) each of the set of physical face parameters, (b) a first head pose transform corresponding to the first image, and (c) a second head pose transform corresponding to the second image.
3. (Canceled).
4. (Currently amended) A method as recited in claim 5;  
wherein the particular face parameter corresponds to the nose tip; and  
wherein the predetermined minimum value is zero (0) and the predetermined maximum value is a reasonable value based on absolute values of other of the locations.